

WORLD HOP ESTIMATE REVISED UPWARD

The 1973 world hop production in the principal-producing countries, previously estimated at 245 million pounds, is now placed at 256 million pounds. This represents an 11 percent increase over the record 1972 crop and 22 percent over the 1971 harvest. Most of the increase was attributed to increased production in Western Europe, particularly West Germany. West German hop growers harvested a new record crop of 84.3 million pounds in 1973, up 26 percent over the record 1972 crop. Production in the United States registered an increase for the fourth consecutive year.

Total acreage rose moderately for the 1973 season, with an expansion of about 6 percent in the four major-producing countries. Acreage expansion in West Germany registered the greatest increase. Total area planted to hops in 1973 amounted to 49,571 acres, up 11 percent from 44,843 acres the previous year. While hop acreage in the United States rose 6 percent, to 31,400 acres, area planted to hops in the United Kingdom declined by less than 1 percent to a total of 16,727 acres. In Czechoslovakia, acreage planted dropped 1.6 percent to 21,826 acres.

U.S. exports of whole hops totaled 11,569,671 pounds during the September 1973-March 1974 period of the current marketing year, with 1,906,353 pounds of hop extract being shipped for the same period. This compares with 13,368,786 pounds of whole hops and

2,600,312 pounds of extract exported during the same period in 1972-73. Whole hop and extract exports for the entire 1972-73 marketing year amounted to 16,408,106 pounds of hops and 4,281,604 pounds of extracts.

Through March 1974, principal markets for U.S. whole hops were the Soviet Union, Canada, Mexico, and Brazil, while Colombia and Mexico ranked as major markets for U.S. hop extract. While Canada, Mexico, and Brazil have historically been major markets for U.S. hops, the Soviet Union has only recently emerged as a substantial outlet for U.S. hop exports. The USSR imported 1,863,900 pounds of U.S. hops in the 1972-73 season, and as of March 1974 of the current season, had imported 1,997,793 pounds.

Conversely, U.S. imports during the September-March period registered an increase in both whole hops and hop extract. Whole hop imports totaled 12,897,873 pounds, while hop extract imports amounted to 41,471 pounds. During the same period in the 1972-73 season, U.S. imports of whole hops were 12,826,099 pounds, with 3,446 pounds of hop extract reported. Whole hop and hop extract imports for the entire 1972-73 season totaled 13,023,886 pounds of hops and 24,282 pounds of extract (a minor revision is expected to be made in the 1972-73 import data to reflect some hop imports recorded as extract).

HOPS: Production in specified countries,
Annual 1970-74 1/ 2/
(In million pounds)

| Region and Country | 1970 | 1971 | 1972 | 1973 | 1974 <u>3/</u> |
|------------------------|-------|-------|-------|-------|----------------|
| NORTH AMERICA: | | | | | |
| Canada | 1.8 | 1.6 | 1.2 | 1.5 | |
| United States | 45.9 | 49.7 | 51.3 | 54.8 | |
| Total | 47.7 | 51.3 | 52.5 | 56.3 | |
| WESTERN EUROPE: | | | | | |
| Austria | 0.3 | 0.3 | 0.3 | 0.3 | |
| Belgium | 4.3 | 5.1 | 4.3 | 4.4 | |
| France | 5.0 | 4.1 | 4.3 | 5.4 | |
| Germany, West | 59.0 | 53.5 | 66.9 | 84.3 | |
| Spain | 3.3 | 2.5 | 4.6 | 5.2 | |
| United Kingdom | 26.5 | 25.3 | 19.8 | 23.0 | |
| Total | 98.4 | 90.8 | 100.2 | 122.6 | |
| EASTERN EUROPE: | | | | | |
| Bulgaria | 1.3 | 1.3 | 1.3 | 1.3 | |
| Czechoslovakia | 23.1 | 16.6 | 23.6 | 21.2 | |
| Germany, East | 6.2 | 4.9 | 5.8 | 5.5 | |
| Hungary | 0.7 | 0.5 | 0.6 | 0.7 | |
| Poland | 5.3 | 4.2 | 5.7 | 5.7 | |
| Romania | 1.2 | 1.2 | 1.2 | 1.2 | |
| Yugoslavia | 11.6 | 9.7 | 11.0 | 11.7 | |
| Total | 49.4 | 38.4 | 49.2 | 47.3 | |
| Total Europe . | 147.8 | 129.2 | 149.4 | 169.9 | |
| Total USSR <u>4/</u> | 18.7 | 18.7 | 18.7 | 18.7 | |
| OTHER: | | | | | |
| Australia | 4.4 | 3.9 | 4.1 | 4.7 | 5.0 |
| Japan | 5.5 | 5.4 | 5.1 | 5.6 | 5.0 |
| New Zealand | 1.0 | 1.1 | 0.9 | 0.8 | 1.0 |
| South Africa, Rep.of: | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| Total | 11.1 | 10.6 | 10.2 | 11.2 | 11.1 |
| World total | 225.3 | 209.8 | 230.8 | 256.1 | |

1/ Year of harvest,

2/ Totals may not equal sum of parts due to rounding.

3/ Forecast.

4/ Estimate.

WORLD COTTON PRODUCTION IN 1973-74 UP marginally

Current estimates indicate a record world cotton crop of 59.5 million bales (480 lb. net) for the 1973-74 season (August-July). A slight increase in projected yield is expected to offset a drop in acreage, resulting in an increase of about 228,000 bales over the 1972-73 crop. The net increase reflects a decline of 705,000 bales in the United States and 172,000 bales in foreign non-Communist countries offset by about a 1.105-million-bale increase in Communist countries.

In foreign non-Communist countries, production is now estimated at 27.6 million bales, down from 27.8 million in 1972-73, and 855,000 bales below forecasts earlier this season. Appreciable increases in Nicaragua, Guatemala, El Salvador, Spain, South Africa, and Afghanistan were not enough to offset large decreases in Colombia, Argentina, Greece, Turkey, Pakistan, and Brazil. This latest reduction in the expected total outturn among foreign non-Communist countries contrasts sharply with expectations earlier this year, and predominantly reflects rain-reduced crops in Brazil (down 200,000 bales from February) and Argentina (down 160,000). The decline in India's production estimate (down 500,000) reflects the effects of early season rain as well as official statistical revisions.

Production in Communist countries during the current season is placed at 18.9 million bales, up over 6 percent from the 17.8 million bales produced in 1972-73. The increase, unchanged from forecasts earlier in the year, results from a record crop of 11.8 million bales in the USSR and a return to more normal production in the People's Republic of China.

The U.S. crop is now placed at 13 million bales (May estimate), down from last season's 13.7 million.

Natural disasters combined with competition from other crops to reduce total area devoted to cotton in 1973-74 to 80.8 million acres, compared with 82.1 last season. Although essentially unchanged from February estimates, acreage in several foreign non-Communist countries is down considerably from levels a year ago. The reduction of approximately 470,000 acres in Pakistan's cotton area was caused by severe flooding early in the season. In Mexico, where competition from other crops produced the heaviest percentage reduction in acreage (14 percent), area was down about 170,000 acres. Proportionately, the drop of about 200,000 acres in Turkey was also appreciable (down 11 percent). By

volume, the reduction in Greece was less significant (down 45,000 acres), although it represents a proportionate decrease almost equal to that occurring in Mexico. These and several other reductions in area (Bolivia, Colombia, Nigeria, and Syria) were only partly offset by expansions in El Salvador, Nicaragua, Argentina, Paraguay, Peru, India, and South Africa.

Acreage in Communist countries is placed at 17.8 million for 1973-74, not significantly changed from a year earlier. Latest estimates place harvested acreage in the United States at 11,989,000 acres, a reduction of almost 1 million acres below the 1972-73 level.

Acreage and production estimates indicate that average world yield will reach a record 353 pounds per acre, up 7 pounds or 2 percent from the previous record of 346 pounds in 1972-73, and almost 10 percent above the recent 5-year average (1967-71) of 323 pounds per acre. With the exception of El Salvador, Mexico, Argentina, Brazil, Egypt, India, and Iran, virtually all other major foreign producing countries show substantial increases: Sudan (up 25 percent), Spain (up 22 percent), Tanzania (up 17 percent), Nicaragua (up 12 percent), and Syria (up 11 percent).

Production of extra-long staple (ELS) cotton in non-Communist countries last season declined to a 5-year low and is expected to increase only marginally this season. Current estimates place the ELS crop at 1.9 million bales, reflecting a drop of just over 170,000 bales from expectations earlier in the year. Unlike 1972-73, when the total decrease was shared by all major producing countries, the increase this season reflects a rather large increase in Peru (up 71 percent), a less than proportionate but equally significant increase in the Sudan (up 7 percent), increased production in Morocco, and respective decreases of 17 percent and 6 percent in the United States and Egypt. The increase in Peru is largely the result of increased acreage resulting from favorable prices; in the Sudan it is the result of more normal yields following the shortfall in 1972-73.

Although prices have receded somewhat from their January peaks, the present price situation is likely to increase plantings of cotton in 1974-75. U.S. farmers, as of March 1, indicated they would plant 14.8 million acres of upland cotton, an increase of 19 percent from actual plantings in 1973. Early indications are that many foreign countries will also plant more cotton next year.

COTTON: Production of extra-long staple in specified
non-Communist countries, annual 1969-73 1/

| (In 1,000 bales of 480 lb. net) | | | | | |
|---------------------------------|-------|-------|-------|-------|----------------|
| Country | 1969 | 1970 | 1971 | 1972 | 1973 <u>2/</u> |
| Egypt..... | 907 | 993 | 924 | 869 | (815) |
| Israel..... | 5 | 7 | 10 | 15 | 14 |
| Morocco..... | 28 | 30 | 37 | 38 | 42 |
| Peru..... | 124 | 161 | 118 | 84 | 144 |
| Sudan..... | 921 | 941 | 931 | 737 | (787) |
| United States.... | 77 | 57 | 96 | 94 | 78 |
| Yemen, P.D.R..... | 23 | 26 | 25 | 25 | 25 |
| Other <u>3/</u> | 2 | 1 | 0 | 0 | 1 |
| Total..... | 2,087 | 2,219 | 2,141 | 1,862 | 1,906 |

1/ Crop years beginning August 1. These data included in table on page 2.

2/ Preliminary and partly estimated.

3/ Includes West Indies and Somalia.

COTTON: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1967-71, ANNUAL 1972 AND 1973 1/

| CONTINENT AND COUNTRY | AREA | | | YIELD | | | PRODUCTION 2/ | | |
|--------------------------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|
| | AVE. 1967-71 | 1972 | 1973 3/ | AVE. 1967-71 | 1972 | 1973 3/ | AVE. 1967-71 | 1972 | 1973 3/ |
| | THOUSAND ACRES | THOUSAND ACRES | THOUSAND ACRES | POUNDS PER ACRE | POUNDS PER ACRE | POUNDS PER ACRE | THOUSAND BALES | THOUSAND BALES | THOUSAND BALES |
| NORTH AMERICA: | | | | | | | | | |
| EL SALVADOR | 135 | 210 | 240 | 807 | 731 | 710 | 227 | 320 | 355 |
| GUATEMALA | 197 | 220 | 255 | 782 | 927 | 960 | 320 | 425 | 510 |
| HONDURAS | 17 | 18 | 20 | 585 | 533 | 672 | 21 | 20 | 28 |
| MEXICO | 1,401 | 1,236 | 1,065 | 641 | 695 | 699 | 1,872 | 1,790 | 1,550 |
| NICARAGUA | 279 | 365 | 450 | 675 | 618 | 693 | 393 | 470 | 650 |
| UNITED STATES | 10,368 | 12,984 | 11,989 | 454 | 505 | 519 | 9,813 | 13,663 | 12,958 |
| OTHER | 96 | 91 | 91 | 130 | 111 | 116 | 26 | 21 | 22 |
| TOTAL 4/ | 12,494 | 15,124 | 14,110 | 487 | 530 | 547 | 12,673 | 16,709 | 16,073 |
| SOUTH AMERICA: | | | | | | | | | |
| ARGENTINA | 934 | 1,099 | 1,250 | 238 | 251 | 184 | 463 | 575 | 480 |
| BOLIVIA | 41 | 150 | 135 | 408 | 528 | 533 | 35 | 165 | 150 |
| BRAZIL | 6,280 | 5,700 | 5,850 | 221 | 248 | 230 | 2,890 | 2,950 | 2,800 |
| COLOMBIA | 559 | 687 | 628 | 485 | 437 | 459 | 565 | 625 | 600 |
| ECUADOR | 44 | 60 | 55 | 255 | 200 | 218 | 24 | 25 | 25 |
| PARAGUAY | 115 | 190 | 250 | 225 | 253 | 240 | 54 | 100 | 125 |
| PERU | 413 | 325 | 375 | 470 | 473 | 499 | 404 | 320 | 390 |
| VENEZUELA | 118 | 140 | 140 | 261 | 274 | 257 | 64 | 80 | 75 |
| OTHER | 2 | 1 | 2 | 185 | 480 | 240 | 1 | 1 | 1 |
| TOTAL 4/ | 8,508 | 8,352 | 8,685 | 254 | 278 | 257 | 4,950 | 4,841 | 4,645 |
| EUROPE: | | | | | | | | | |
| BULGARIA | 110 | 95 | 100 | 276 | 278 | 288 | 63 | 55 | 60 |
| GREECE | 341 | 410 | 365 | 654 | 743 | 756 | 465 | 635 | 575 |
| ITALY | 18 | 9 | 10 | 200 | 213 | 240 | 7 | 4 | 5 |
| SPAIN | 295 | 260 | 270 | 440 | 415 | 507 | 270 | 225 | 285 |
| YUGOSLAVIA | 29 | 25 | 25 | 285 | 230 | 230 | 16 | 12 | 12 |
| OTHER | 68 | 60 | 60 | 226 | 240 | 240 | 32 | 30 | 30 |
| TOTAL 4/ | 861 | 859 | 830 | 476 | 537 | 559 | 854 | 961 | 967 |
| U.S.S.R. | 6,409 | 6,758 | 6,800 | 729 | 796 | 833 | 9,730 | 11,200 | 11,800 |
| AFRICA: | | | | | | | | | |
| ANGOLA | 173 | 200 | 200 | 316 | 192 | 360 | 114 | 80 | 150 |
| CAMEROON | 228 | 200 | 200 | 187 | 168 | 96 | 89 | 70 | 40 |
| CENT. AFRICAN REP. | 290 | 300 | 300 | 146 | 128 | 128 | 88 | 80 | 80 |
| CHAD | 780 | 800 | 800 | 113 | 96 | 75 | 184 | 160 | 125 |
| EGYPT | 1,624 | 1,610 | 1,660 | 661 | 705 | 694 | 2,237 | 2,365 | 2,400 |
| KENYA | 90 | 128 | 117 | 117 | 94 | 94 | 22 | 25 | 25 |
| MALAWI | 100 | 100 | 110 | 131 | 120 | 131 | 27 | 25 | 30 |
| MOROCCO | 42 | 42 | 40 | 324 | 434 | 504 | 28 | 38 | 42 |
| RUZAMBUIQUE | 930 | 950 | 950 | 99 | 101 | 101 | 192 | 200 | 200 |
| NIGERIA | 940 | 850 | 800 | 118 | 121 | 84 | 232 | 215 | 140 |
| RHODESIA | 212 | 250 | 250 | 403 | 364 | 461 | 178 | 200 | 248 |
| SOMALI REPUBLIC | 32 | 34 | 34 | 119 | 113 | 113 | 8 | 8 | 8 |
| SOUTH AFRICA, REP. OF | 105 | 110 | 150 | 352 | 349 | 496 | 77 | 80 | 155 |
| SUDAN | 1,241 | 1,230 | 1,200 | 410 | 351 | 440 | 1,061 | 900 | 1,100 |
| TANZANIA | 495 | 500 | 500 | 285 | 288 | 336 | 294 | 300 | 350 |
| UGANDA | 2,120 | 2,500 | 2,500 | 78 | 67 | 62 | 343 | 350 | 325 |
| ZAIRE (CONGO, K) | 475 | 550 | 575 | 87 | 87 | 104 | 86 | 100 | 125 |
| OTHER | 889 | 1,000 | 1,026 | 197 | 242 | 236 | 365 | 505 | 504 |
| TOTAL 4/ | 10,766 | 11,354 | 11,423 | 251 | 241 | 254 | 5,626 | 5,701 | 6,039 |
| ASIA: | | | | | | | | | |
| AFGHANISTAN | 300 | 300 | 330 | 184 | 160 | 218 | 115 | 100 | 150 |
| BURMA | 393 | 420 | 420 | 74 | 80 | 80 | 61 | 70 | 70 |
| CHINA, PEOPLE'S REP. | 11,300 | 11,000 | 10,800 | 330 | 284 | 311 | 7,760 | 6,500 | 7,000 |
| INDIA | 19,380 | 19,000 | 19,300 | 126 | 130 | 129 | 5,090 | 5,150 | 5,200 |
| INDONESIA | 825 | 840 | 830 | 391 | 546 | 526 | 672 | 955 | 910 |
| IRAQ | 134 | 150 | 150 | 226 | 208 | 208 | 63 | 65 | 65 |
| ISRAEL | 80 | 86 | 82 | 953 | 1,033 | 966 | 159 | 185 | 165 |
| KOREA, REP. OF | 44 | 32 | 32 | 216 | 270 | 270 | 20 | 18 | 18 |
| PAKISTAN | 4,456 | 4,968 | 4,500 | 281 | 312 | 320 | 2,609 | 3,225 | 3,000 |
| SOUTHERN YEMEN | 36 | 35 | 40 | 301 | 343 | 348 | 23 | 25 | 29 |
| SYRIA | 636 | 580 | 500 | 514 | 621 | 691 | 681 | 750 | 720 |
| THAILAND | 203 | 128 | 100 | 280 | 337 | 408 | 110 | 90 | 85 |
| TURKEY | 1,622 | 1,880 | 1,675 | 584 | 636 | 674 | 1,974 | 2,490 | 2,352 |
| OTHER | 115 | 136 | 136 | 198 | 184 | 184 | 48 | 52 | 52 |
| TOTAL 4/ | 39,525 | 39,555 | 38,895 | 235 | 239 | 245 | 19,384 | 19,675 | 19,816 |
| OCEANIA: | | | | | | | | | |
| AUSTRALIA | 83 | 108 | 75 | 815 | 649 | 768 | 141 | 146 | 120 |
| TOTAL 4/ | 83 | 108 | 75 | 815 | 649 | 768 | 141 | 146 | 120 |
| TOTAL FOREIGN NONCOMMUNIST 4/ | 50,325 | 51,148 | 51,004 | 243 | 261 | 260 | 25,491 | 27,767 | 27,595 |
| TOTAL COMMUNIST 4/ | 17,952 | 17,978 | 17,825 | 471 | 475 | 509 | 17,603 | 17,803 | 18,908 |
| WORLD TOTAL 4/ | 78,645 | 82,110 | 80,818 | 323 | 346 | 353 | 52,907 | 59,233 | 59,461 |

1/ Harvest season beginning August 1.

2/ Bales of 480 lb. net.

3/ Preliminary.

4/ As a result of rounding, sum of digits may not add to total.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

GROWTH IN WORLD COTTONSEED PRODUCTION STAGNATES IN 1973-74

World cottonseed production during 1973-74 is estimated at 23.95 million tons or 63,000 metric tons below last year's volume. The decline primarily reflects reduced production in the United States—down 404,000 tons and Pakistan—down 100,000 tons. Other leading producers with smaller harvests this year were Brazil—down 67,000 tons; Turkey—down 55,000 tons; Syria—down 43,000 tons; and Nigeria—down 23,000 tons.

Partially offsetting these reductions are the following significant increases: 242,000 tons in the Soviet Union; 210,000 tons in the People's Republic of China; and 80,000 tons in Sudan.

If the intentions of U.S. cotton growers materialize, U.S. cottonseed production in 1974-75 should rebound, approaching 5,171,000 metric tons, the largest quantity produced since 1965. The estimated 683,000-metric-ton increase in U.S. production is based on a potential increase in harvested acreage of 1.9 million acres.

A 15-year linear trend (1959-1973) of world cottonseed production shows production increasing at a rate of 313,000 tons per year. For the past 3 years production has been above trend. Although actual cottonseed production will decrease this year by 63,000 tons, production is still estimated at 419,000 tons above trend.

About 46 percent of the annual trend increase has resulted from increasing cotton production in the Soviet Union. A comparable 15-year linear trend analysis shows Soviet cottonseed production increasing at a rate of 143,000 tons per year.

Recently, world cottonseed production has increased at a much more rapid rate than indicated by the 15-year analysis. A 5-year trend analysis (1969-1973) shows production increasing at about 757,000 metric tons per year. About 79 percent of this annual trendline increase is accounted for by the following: United States—280,000 tons or 37 percent; the USSR—242,000 tons or 32 percent; and the Central American Republics of Nicaragua, Guatemala, El Salvador, and Honduras—73,000 tons or 10 percent.

Because of declines this year in cottonseed production by leading oil and meal producers, oil and meal production will decline by an estimated 34,000 metric tons and 90,000 metric tons, respectively. This represents a 1.2 percent decline for oil and a 1.1 percent decline for meal. Oil production in 1973-74 is now estimated at 2.74 million tons and meal at 7.85 million tons.

Estimated Cottonseed Oil and Meal Production for selected producer countries and world,
annual 1970-74 1/
(In 1,000 metric tons)

| Selected Producing countries | 1970 | : | 1971 | : | 1972 | : | 1973 | : | 1974 |
|---------------------------------|-------|---|-------|---|-------|---|-------|---|-------|
| Oil: | | | | | | | | | |
| United States..... | 596 | | 596 | | 621 | | 790 | | 725 |
| USSR..... | 494 | | 594 | | 599 | | 615 | | 648 |
| Pakistan..... | 122 | | 124 | | 161 | | 160 | | 148 |
| Brazil..... | 140 | | 103 | | 143 | | 136 | | 129 |
| India..... | 121 | | 108 | | 144 | | 126 | | 127 |
| PRC..... | 125 | | 132 | | 129 | | 110 | | 118 |
| Egypt..... | 118 | | 113 | | 115 | | 115 | | 112 |
| Subtotal..... | 1,716 | | 1,770 | | 1,912 | | 2,052 | | 2,007 |
| Other Producers..... | 680 | | 619 | | 692 | | 726 | | 737 |
| Total world oil..... | 2,396 | | 2,389 | | 2,604 | | 2,778 | | 2,744 |
| Meal: | | | | | | | | | |
| Turkey..... | 223 | | 223 | | 291 | | 304 | | 284 |
| Sudan..... | 195 | | 202 | | 190 | | 158 | | 193 |
| USSR..... | 1,437 | | 1,725 | | 1,741 | | 1,788 | | 1,884 |
| India..... | 352 | | 312 | | 419 | | 365 | | 370 |
| Argentina..... | 123 | | 71 | | 77 | | 106 | | 111 |
| Mexico..... | 255 | | 211 | | 249 | | 261 | | 226 |
| Brazil..... | 407 | | 300 | | 414 | | 394 | | 374 |
| United States..... | 1,630 | | 1,630 | | 1,699 | | 2,161 | | 1,983 |
| Subtotal..... | 4,622 | | 4,674 | | 5,080 | | 5,537 | | 5,425 |
| Other Producers..... | 2,238 | | 2,168 | | 2,381 | | 2,402 | | 2,424 |
| Total world meal..... | 6,860 | | 6,842 | | 7,461 | | 7,939 | | 7,849 |

1/ Seed harvested in previous year. Oil and meal estimated on basis of assumed extraction rates and crushings, and therefore represent potential rather than actual production.

Linear Trend Analysis of Cottonseed Production
for United States, USSR, Central America ¹/ and World
(In 1,000 metric tons)

| Country | Trend Period | Constant | Annual trend line change | Coefficient of determination | Standard error of deviation | Item | Year Beginning August 1 | | | |
|---|-----------------|----------|-----------------------------|---------------------------------|--------------------------------|-----------|-------------------------|--------|--------|-------------|
| | | | | | | | 1969 | 1970 | 1971 | 1972 : 1973 |
| United States..... | :1969-1973 | 3,281 | 280 | .67 | 280 | Actual | 3,690 | 3,690 | 3,846 | 4,488 |
| | : | : | : | : | : | Trend | 3,562 | 3,841 | 4,121 | 4,680 |
| | : | : | : | : | : | Deviation | +128 | -151 | -275 | +491 |
| USSR..... | :1969-1973 | 3,612 | 242 | .82 | 162 | Actual | 3,635 | 4,365 | 4,405 | 4,525 |
| | : | : | : | : | : | Trend | 3,855 | 4,097 | 4,339 | 4,582 |
| | : | : | : | : | : | Deviation | -220 | +268 | +66 | -57 |
| Central America..... | :1959-1973 | 2,481 | 143 | .92 | 185 | Trend | 4,051 | 4,194 | 4,337 | 4,480 |
| | : | : | : | : | : | Deviation | -416 | +171 | +88 | +45 |
| | : | : | : | : | : | Actual | 331 | 359 | 486 | 520 |
| World..... | :1969-1973 | 20,580 | 757 | .81 | 511 | Trend | 21,324 | 21,093 | 23,438 | 24,017 |
| | : | : | : | : | : | Deviation | +180 | -769 | +588 | +110 |
| | : | : | : | : | : | Actual | 22,284 | 22,597 | 22,909 | 23,222 |
| Central American countries include El Salvador, Guatemala, Nicaragua, and Honduras. | :1959-1973 | 18,846 | 313 | .74 | 808 | Trend | -767 | -1,273 | +529 | +795 |
| | : | : | : | : | : | Deviation | | | | |
| | : | : | : | : | : | Actual | | | | |

¹/ Central American countries include El Salvador, Guatemala, Nicaragua, and Honduras.

Cottonseed: Production in specified countries and the world,
annual 1968-73
(In 1,000 metric tons)

| Continent and country | Year beginning August 1 | | | | | |
|-------------------------------|-------------------------|--------|--------|--------|--------|---------|
| | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 1/ |
| North America: | | | | | | |
| United States..... | 4,209 | 3,690 | 3,690 | 3,846 | 4,892 | 4,488 |
| El Salvador..... | 73 | 74 | 89 | 112 | 113 | 126 |
| Guatemala..... | 156 | 108 | 106 | 156 | 181 | 199 |
| Honduras..... | 15 | 6 | 4 | 5 | 8 | 12 |
| Mexico..... | 1,067 | 762 | 631 | 745 | 779 | 675 |
| Nicaragua..... | 188 | 143 | 160 | 213 | 218 | 278 |
| Other..... | 19 | 15 | 13 | 10 | 11 | 11 |
| Total..... | 5,727 | 4,798 | 4,693 | 5,087 | 6,202 | 5,789 |
| South America: | | | | | | |
| Argentina..... | 228 | 294 | 170 | 183 | 254 | 265 |
| Brazil..... | 1,458 | 1,347 | 994 | 1,370 | 1,304 | 1,237 |
| Colombia..... | 283 | 260 | 239 | 260 | 276 | 265 |
| Paraguay..... | 26 | 24 | 14 | 35 | 44 | 55 |
| Peru..... | 180 | 161 | 165 | 152 | 135 | 165 |
| Venezuela..... | 32 | 27 | 24 | 29 | 35 | 34 |
| Other..... | 22 | 16 | 31 | 43 | 85 | 78 |
| Total..... | 2,229 | 2,129 | 1,637 | 2,072 | 2,133 | 2,099 |
| Europe: | | | | | | |
| Italy..... | 4 | 4 | 3 | 3 | 2 | 3 |
| Greece..... | 155 | 238 | 234 | 245 | 294 | 266 |
| Spain..... | 154 | 117 | 106 | 88 | 100 | 126 |
| Bulgaria..... | 24 | 30 | 25 | 28 | 25 | 28 |
| Other..... | 18 | 20 | 23 | 21 | 19 | 19 |
| Total..... | 355 | 409 | 391 | 385 | 440 | 442 |
| USSR..... | 3,755 | 3,635 | 4,365 | 4,405 | 4,525 | 4,767 |
| Africa: | | | | | | |
| Sudan..... | 426 | 455 | 472 | 443 | 370 | 450 |
| Egypt..... | 758 | 921 | 884 | 899 | 895 | 875 |
| Angola..... | 40 | 60 | 62 | 60 | 35 | 66 |
| Cameroon..... | 44 | 62 | 26 | 29 | 31 | 17 |
| Central African Republic..... | 35 | 44 | 44 | 37 | 35 | 35 |
| Chad..... | 103 | 82 | 66 | 80 | 71 | 55 |
| Ethiopia..... | 25 | 30 | 30 | 30 | 30 | 30 |
| Malawi..... | 11 | 14 | 15 | 14 | 11 | 14 |
| Mozambique..... | 86 | 93 | 71 | 88 | 88 | 88 |
| Nigeria..... | 115 | 186 | 80 | 77 | 95 | 62 |
| Rhodesia..... | 62 | 84 | 106 | 106 | 88 | 106 |
| Tanzania..... | 103 | 143 | 128 | 132 | 132 | 154 |
| Uganda..... | 154 | 172 | 152 | 152 | 154 | 143 |
| South Africa..... | 44 | 34 | 31 | 31 | 35 | 84 |
| Zaire, Republic of..... | 40 | 40 | 41 | 44 | 44 | 55 |
| Other..... | 149 | 160 | 178 | 222 | 229 | 229 |
| Total..... | 2,195 | 2,580 | 2,386 | 2,444 | 2,343 | 2,463 |
| Asia: | | | | | | |
| Iran..... | 305 | 325 | 312 | 298 | 422 | 402 |
| Iraq..... | 20 | 20 | 20 | 31 | 29 | 29 |
| Israel..... | 53 | 61 | 55 | 59 | 67 | 60 |
| Syria..... | 311 | 314 | 303 | 320 | 331 | 288 |
| Turkey..... | 700 | 640 | 640 | 835 | 870 | 815 |
| China, Peoples Republic of.. | 3,255 | 3,130 | 3,300 | 3,215 | 2,750 | 2,960 |
| Afghanistan..... | 51 | 60 | 55 | 51 | 46 | 70 |
| Burma..... | 24 | 24 | 32 | 32 | 34 | 34 |
| India..... | 2,138 | 2,160 | 1,920 | 2,575 | 2,247 | 2,270 |
| Pakistan..... | 1,073 | 1,093 | 1,105 | 1,436 | 1,425 | 1,325 |
| Thailand..... | 80 | 39 | 26 | 61 | 44 | 41 |
| Australia..... | 63 | 52 | 37 | 84 | 62 | 51 |
| Other..... | 42 | 48 | 47 | 48 | 47 | 49 |
| Total..... | 8,115 | 7,966 | 7,852 | 9,045 | 8,374 | 8,394 |
| Estimated world total..... | 22,376 | 21,517 | 21,324 | 23,438 | 24,017 | 23,954 |

1/ Preliminary.

Foreign Agricultural Service. Data for countries other than the United States, Egypt, the Sudan, Israel, and Turkey were calculated from lint production estimates.

WORLD PEANUT PRODUCTION UP 11 PERCENT IN 1973

World production of peanuts in 1973 is now estimated at 17.5 million metric tons, unshelled basis—up 11 percent or 1.7 million tons from the drought-reduced 1972 output. This estimate, however, represents a downward revision of 2 percent or 300,000 tons from the November estimate.

All of the gain in 1973 world peanut output is accounted for by India, where, following a major drought-induced shortfall of 2.3 million tons or 37 percent in 1972 production, the 1973 crop, at 6 million tons, recovered by 2.1 million tons or 53 percent. Foreign production, excluding India, experienced a further decline of 450,000 tons or 4 percent in 1973, following a 300,000-ton decline in 1972. Among other major foreign producing countries, a combined increase of 630,000 tons in Argentina, Senegal, Burma, and the People's Republic of China was more than offset by a decline of over 1 million tons in combined production in Brazil, Nigeria, South Africa, Niger, and Mali.

In the United States, 1973 peanut production is officially estimated at a record 1.56 million metric tons—5 percent or 79,000 tons above the 1972 crop. The gain reflected a 4 percent increase in yields and a 1 percent rise in harvested area. Based on the USDA prospective plantings survey of March 1, U.S. growers intend to plant 1.52 million acres to peanuts in 1974, down 1 percent or 16,000 acres from 1973. However, if yields are on trend, U.S. production would rise by about 2 percent.

In South America, Argentina's 1973 peanut harvest, at 440,000 tons, recovered by 188,000 tons following the effects of reduced rainfall during the previous growing season and a 26 percent increase in harvest area to 914,000 acres. The first official estimate of Argentina's 1974 peanut crop (March-April) placed production at 480,000 tons; however, trade sources currently are indicating a crop of 450,000 tons.

Brazil's 1973 peanut output is estimated at 650,000 metric tons, down 27 percent or 243,000 tons from the 1972 volume, largely reflecting reduced harvested area. Brazil's 1974 peanut production is currently estimated at only 600,000 tons, as heavy rains reportedly caused harvest losses.

South Africa's 1973 peanut production (March-April) also declined sharply due to drought conditions. Output totaled 197,000 metric tons against 400,000 tons in 1972. South Africa's 1974 peanut harvest is estimated at 562,000 tons, almost three times the 1973 volume, re-

flecting a 55 percent rise in acreage and sharply higher yields.

West Africa's major producer-exporter countries experienced an intensified drought, that has limited output in the region since the late 1960's. Combined peanut production in 1973 in Gambia, Niger, Nigeria, Senegal, and Mali is estimated at 1.7 million tons, down 500,000 tons or 23 percent from the 1972 volume, and 1.6 million tons below the record 1965 output. Combined 1973 commercial peanut production in the same countries is estimated at 873,000 tons, unshelled basis, down 49 percent or 844,000 tons below the previous year, reflecting increased domestic consumption and smuggling, as well as reduced production. Reduced production of subsistence graincrops, such as sorghum and millet, is resulting in increased diversion of peanuts into domestic consumption.

In Nigeria, where production was particularly affected by drought, total peanut output in 1973 is estimated at 700,000 metric tons, unshelled basis, compared with 1.1 million tons in 1972 and the 1966 peak volume of almost 1.8 million tons. The most recent official reports indicate the commercialized portion of the crop to be equivalent to 58,000 metric tons, against 865,000 tons in 1972, reflecting greatly increased internal consumption and smuggling. However, considerable uncertainty exists concerning the final volume of this season's commercial purchases. Unofficial sources indicate 200,000 tons of peanuts in the commercial marketing system.

On January 15, 1974, the Northern States Marketing Board announced a ban on exports of peanuts and peanut meal. The Nigerian Government announced that producer prices were raised 75 percent to \$252.45 per shelled long ton effective April 5, 1974. Earlier in the 1973-74 season, Nigerian producers were reportedly being offered \$298 per shelled long ton for smuggled deliveries.

Senegal's 1973 peanut harvest is now estimated at 740,000 metric tons, up 21 percent or 130,000 tons from the revised estimate for 1972. Although rainfall was still below normal, it improved considerably from the 1972 growing season. Senegal's 1973 commercial crop is placed at 435,000 tons against 449,000 tons in 1972 and 760,000 tons in 1971. Despite larger total output, commercial purchases, virtually all for export, have been limited during the current season due to a larger illegal movement of peanuts into Gambia and increased domestic consumption.

Elsewhere in West Africa, particularly in Niger and Mali, crops are reported to be poor. The 1973 commercial peanut crop in Niger is reported at 29,000 tons, unshelled basis, compared to 150,000 tons in 1972, and

208,000 tons in 1973. Because of the shortage, *the* Government of Niger has prohibited exports of peanuts and peanut products.

Peanuts: 1/ Acreage and production in specified countries and the world, annual 1968-73

| Continent and country | Acreage 2/ | | | | | | Production | | | | | |
|-------------------------------|------------------|--------|--------|--------|--------|---------|------------------------|--------|--------|--------|--------|---------|
| | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 3/ | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 3/ |
| | (In 1,000 acres) | | | | | | (In 1,000 metric tons) | | | | | |
| North America: | | | | | | | | | | | | |
| Cuba..... | 37 | 37 | 37 | 37 | 37 | - | 15 | 15 | 15 | 15 | 15 | - |
| Dominican Republic..... | 126 | 133 | 156 | 173 | 189 | 184 | 47 | 59 | 73 | 84 | 90 | 88 |
| Mexico..... | 96 | 141 | 139 | 148 | 74 | 99 | 47 | 72 | 77 | 70 | 30 | 50 |
| United States..... | 1,438 | 1,458 | 1,467 | 1,454 | 1,486 | 1,500 | 1,155 | 1,150 | 1,351 | 1,363 | 1,485 | 1,564 |
| Other..... | 25 | 27 | 10 | 11 | 10 | 10 | 6 | 8 | 2 | 2 | 2 | 2 |
| Total 5/..... | 1,722 | 1,796 | 1,809 | 1,823 | 1,796 | 1,830 | 1,270 | 1,304 | 1,518 | 1,534 | 1,622 | 1,719 |
| South America: | | | | | | | | | | | | |
| Argentina..... | 710 | 602 | 521 | 766 | 726 | 914 | 283 | 217 | 234 | 388 | 252 | 440 |
| Brazil..... | 1,498 | 1,516 | 1,655 | 1,627 | - | 1,285 | 754 | 754 | 928 | 849 | 893 | 650 |
| Paraguay..... | 57 | 54 | 49 | 44 | - | - | 17 | 15 | 18 | 18 | 19 | 25 |
| Uruguay..... | 6 | 8 | 8 | 7 | 9 | 6 | 1 | 3 | 3 | 2 | 3 | 2 |
| Other..... | 57 | 53 | 67 | 70 | 74 | 76 | 22 | 21 | 26 | 31 | 34 | 34 |
| Total 5/..... | 2,328 | 2,233 | 2,300 | 2,514 | 2,526 | 2,326 | 1,077 | 1,010 | 1,209 | 1,288 | 1,201 | 1,151 |
| Europe: | | | | | | | | | | | | |
| Greece..... | 8 | 9 | 8 | 10 | 10 | - | 4 | 8 | 9 | 12 | 10 | - |
| Italy..... | 5 | 4 | 3 | 2 | 2 | 2 | 4 | 4 | 3 | 2 | 2 | 2 |
| Spain..... | 7 | 7 | 6 | 7 | 7 | 8 | 5 | 6 | 5 | 5 | 5 | 6 |
| Other..... | 9 | 6 | 6 | 6 | 9 | 9 | 4 | 4 | 4 | 4 | 5 | 4 |
| Total (incl. USSR)..... | 29 | 26 | 23 | 25 | 28 | 29 | 17 | 22 | 21 | 23 | 22 | 22 |
| Africa: | | | | | | | | | | | | |
| Angola..... | 116 | 116 | 86 | 99 | 99 | - | 32 | 32 | 18 | 25 | 25 | 25 |
| Cameroon..... | 549 | 492 | 492 | 507 | 519 | - | 208 | 188 | 190 | 209 | 215 | - |
| Central African Republic..... | 222 | 222 | 259 | 259 | 259 | - | 75 | 75 | 85 | 85 | 85 | - |
| Chad..... | 358 | 400 | 395 | 395 | 395 | - | 110 | 115 | 115 | 115 | 115 | - |
| Congo (Brazzaville)..... | 49 | 49 | 49 | 49 | 49 | - | 17 | 20 | 20 | 20 | 20 | - |
| Dahomey..... | 173 | 203 | 232 | 242 | 245 | - | 25 | 50 | 57 | 65 | 70 | - |
| Egypt..... | 44 | 51 | 52 | 40 | 54 | - | 36 | 43 | 40 | 33 | 48 | - |
| Ethiopia..... | 94 | 89 | 101 | 104 | 106 | - | 20 | 20 | 23 | 24 | 25 | - |
| Gambia..... | 395 | 395 | 353 | 413 | 427 | - | 126 | 114 | 101 | 108 | 110 | - |
| Ghana 4/..... | 150 | 184 | 191 | 195 | 195 | 195 | 53 | 65 | 56 | 59 | 65 | 64 |
| Guinea..... | 72 | 72 | 74 | 74 | 74 | - | 19 | 25 | 25 | 25 | 20 | - |
| Ivory Coast..... | 94 | 131 | 119 | 126 | 128 | - | 32 | 42 | 36 | 40 | 40 | 40 |
| Malagasy Republic..... | 102 | 111 | 91 | 100 | 136 | - | 39 | 44 | 41 | 41 | 51 | - |
| Malawi..... | 469 | 605 | 1,112 | 1,112 | 1,112 | - | 130 | 171 | 190 | 190 | 190 | - |
| Mali..... | 251 | 247 | - | - | - | - | 96 | 125 | 158 | 152 | 150 | 100 |
| Mozambique 6/..... | 469 | 469 | 494 | 495 | - | - | 129 | 114 | 136 | 143 | 150 | 150 |
| Niger..... | 1,067 | 791 | 717 | - | - | - | 252 | 280 | 236 | 260 | 195 | 75 |
| Nigeria..... | 3,000 | 2,900 | 3,000 | 2,700 | 3,000 | - | 1,445 | 1,360 | 780 | 845 | 1,125 | 700 |
| Portuguese Guinea..... | 222 | 222 | 198 | 198 | 198 | - | 65 | 65 | 65 | 60 | 55 | - |
| Rhodesia..... | 208 | 420 | 420 | 420 | 420 | - | 35 | 122 | 132 | 130 | 130 | - |
| Senegal..... | 2,955 | 2,370 | 2,470 | 2,595 | 2,718 | 2,471 | 830 | 800 | 545 | 920 | 610 | 740 |
| South Africa 4/..... | 840 | 849 | 978 | 934 | 852 | 581 | 224 | 343 | 303 | 385 | 400 | 197 |
| Sudan..... | 747 | 1,124 | 937 | 1,614 | 1,648 | - | 240 | 280 | 351 | 394 | 486 | 400 |
| Tanzania 6/..... | 74 | 74 | 49 | - | - | - | 11 | 10 | 5 | - | - | - |
| Togo 6/..... | 111 | 111 | 111 | 111 | 111 | - | 18 | 18 | 18 | 18 | 20 | - |
| Uganda..... | 620 | 605 | 618 | 605 | 605 | - | 234 | 210 | 210 | 200 | 215 | - |
| Upper Volta..... | 509 | 339 | 346 | 346 | 346 | - | 92 | 71 | 68 | 68 | 70 | - |
| Zaire..... | 791 | 791 | 667 | 667 | 667 | - | 161 | 200 | 180 | 180 | 180 | 200 |
| Zambia..... | 198 | 161 | 111 | 255 | 247 | - | 47 | 62 | 42 | 103 | 100 | - |
| Other..... | 166 | 154 | 168 | 179 | 187 | 200 | 71 | 80 | 81 | 72 | 78 | 78 |
| Total 5/..... | 15,115 | 14,747 | 15,161 | 15,914 | 16,372 | 15,867 | 4,872 | 5,144 | 4,307 | 4,974 | 5,048 | 4,313 |
| Asia: | | | | | | | | | | | | |
| Bangladesh..... | 83 | 80 | 78 | 66 | 58 | 54 | 52 | 51 | 46 | 36 | 31 | 30 |
| Burma..... | 1,510 | 1,510 | 1,735 | 1,674 | 1,563 | 1,749 | 398 | 444 | 529 | 486 | 390 | 499 |
| China: | | | | | | | | | | | | |
| People's Republic of..... | 4,695 | 4,900 | 5,190 | 5,313 | 5,560 | 5,190 | 2,150 | 2,350 | 2,650 | 2,580 | 2,400 | 2,600 |
| Republic of (Taiwan)..... | 236 | 226 | 216 | 213 | 188 | 179 | 106 | 101 | 122 | 98 | 94 | 97 |
| India..... | 17,515 | 17,606 | 18,103 | 18,558 | 16,994 | 16,926 | 4,631 | 5,130 | 6,111 | 6,181 | 3,924 | 6,000 |
| Indonesia..... | 975 | 902 | 992 | 926 | 878 | 920 | 410 | 382 | 402 | 400 | 390 | 405 |
| Israel..... | 7 | 7 | 12 | 14 | 14 | 13 | 11 | 12 | 19 | 21 | 20 | 18 |
| Japan 4/..... | 146 | 147 | 149 | 142 | 128 | 119 | 122 | 126 | 124 | 111 | 115 | 97 |
| Kuwait..... | 54 | 52 | 52 | 42 | 42 | - | 26 | 23 | 17 | 24 | 17 | - |
| Pakistan..... | 86 | 106 | 75 | 102 | 105 | - | 53 | 62 | 45 | 57 | 68 | 59 |
| Philippines..... | 79 | 80 | 86 | 86 | 88 | 90 | 15 | 15 | 17 | 19 | 19 | 19 |
| Thailand..... | 282 | 231 | 233 | 336 | 376 | 395 | 158 | 180 | 185 | 200 | 220 | 240 |
| Turkey..... | 32 | 37 | 37 | 43 | 46 | 47 | 33 | 38 | 37 | 45 | 42 | 40 |
| Vietnam, South..... | 73 | 77 | 74 | 84 | 86 | - | 32 | 34 | 32 | 37 | 39 | - |
| Others..... | 141 | 174 | 173 | 169 | 180 | 177 | 65 | 79 | 82 | 77 | 89 | 89 |
| Total 5/..... | 25,914 | 26,135 | 27,205 | 27,768 | 26,306 | 26,092 | 8,262 | 9,027 | 10,418 | 10,372 | 7,858 | 10,219 |
| Oceania: | | | | | | | | | | | | |
| Australia..... | 62 | 79 | 83 | 95 | 86 | 79 | 31 | 17 | 42 | 31 | 41 | 48 |
| World total 5/..... | 45,170 | 45,016 | 46,581 | 48,139 | 47,142 | 46,223 | 15,529 | 16,524 | 17,515 | 18,222 | 15,792 | 17,502 |

1/ Peanuts in the shell. Southern Hemisphere peanut crops, which are harvested from April to June, are combined with those of the Northern Hemisphere harvested from September through December of the same year. 2/ Harvested areas as far as possible. 3/ Preliminary. 4/ Planted area. 5/ Includes estimates for the above countries for which data are not available. 6/ Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

NEW PUBLICATIONS

CIRCULARS

Cotton

- January Exports of Raw Cotton Lower Than December Shipments (FC 3-74)
- Rise in Yield Offsets Drop in Acreage To Slightly Boost World Cotton Production (FC 4-74)
- U.S. Cotton Exports By Customs Districts (FC 5-74)
- Cotton in Turkey (FC 6-76)
- February Exports of Raw Cotton Highest Monthly Total This Season (FC 7-74)

Dairy and Poultry

- World Trade in Dairy Products Down in 1974 (FD 1-74)

Fruits, and Vegetables

- Larger 1973 Australian and South African Canned Deciduous Fruit Packs (FCAN 1-74)
- Canned Fruit Situation in the Netherlands, West Germany, and the United Kingdom (FCAN 2-74)

Sugar and Tropical Products

- Value of U.S. Spice Imports at Alltime High in 1973 (FTEA 1-74)
- World Coffee Production Low for 1973-74 (FCOF 2-74)

World Mohair Production and Trade (FW 1-74)

Livestock and Meat

- World Cattle, Hide, Calf and Kp Skin Production and Trade, 1972 (FLM 3-74)
- January U.S. Trade in Livestock, Meat, and Meat Products (FLM MT-3-74)